

I. AMENDMENTS

Amendments to the Claims:

This listing of all pending claims (including withdrawn claims) will replace all prior versions, and listings, of claims in the application. Cancelled and not entered claims are indicated with claim number and status only. The claims show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Listing of Claims:

1. (Currently Amended) A toy vehicle having a front and a back, and which performs running control and steering control in front and back and left and right directions according to a signal from a radio controller, comprising:

a motor mounted in front of and non-coaxially with a front wheel axle on a chassis of the toy vehicle, for driving a front wheel, said motor being mounted between the front wheel axle and the front of the toy vehicle

wherein the front wheel is driven by the motor to make the toy vehicle run.

2. (Original) The toy vehicle as claimed in claim 1, wherein the motor is mounted adjacent to a front wheel axle.

3. (Original) The toy vehicle as claimed in claim 1, wherein the motor is detachably mounted on the chassis.

4. (Original) The toy vehicle as claimed in claim 2, wherein the motor is detachably mounted on the chassis.

5. (Original) The toy vehicle as claimed in claim 3, further comprising an intermediate shaft which comprises a first gear and a second gear which are engaged with a third gear fixed on a motor shaft of the motor and a fourth gear fixed on the front wheel axle, respectively, and is detachably mounted on the chassis between the motor shaft and the front wheel axle.

6. (Original) The toy vehicle as claimed in claim 4, further comprising an intermediate shaft which comprises a first gear and a second gear which are engaged with a

third gear fixed on a motor shaft of the motor and a fourth gear fixed on the front wheel axle, respectively, and is detachably mounted on the chassis between the motor shaft and the front wheel axle.

7. (Previously Presented) The toy vehicle as claimed in claim 1, further comprising a right driven link, and a left driven link, each having a first end and a second end, wherein each first end of the right and the left driven links is supported by the chassis swingably in a horizontal direction, a driving link crosses over between the second ends of the right and left driven links, two spindles are swingably supported by the right and left driven links, and each of the two spindles is connected to the front wheel axle.

8. (Previously Presented) A toy vehicle which performs running control and steering control according to a signal from a radio controller, comprising:

a motor mounted on a front part of the chassis, for driving a front wheel; and
a right driven link, and a left driven link, each having a first end and a second end; and
wherein each first end of the right and the left driven links is supported by the chassis swingably in a horizontal direction, a driving link crosses over between the second ends of the right and left driven links, two spindles are swingably supported by the right and left driven links, each of the two spindles is connected to the front wheel axle through a flexible joint, the front wheel axle is supported by the two spindles without being supported by the chassis, and the flexible joint includes a spherical shaped part provided on one of the spindle and the front wheel axle, and a cylindrical body provided on the other of the spindle and the front wheel axle, the spherical shaped part including protrusions at positions opposite to each other across a center of an axis of the spherical shaped part, slits being formed in the cylindrical body at positions opposite to each other across a center of an axis of the cylindrical body, the spherical shaped part being engaged with the cylindrical body with the protrusions fitting in the slits.

9. (Previously Presented) A toy vehicle which performs running control and steering control according to a signal from a radio controller, comprising:

a motor mounted on a front part of the chassis, for driving a front wheel; and
a right driven link, and a left driven link, each having a first end and a second end;
wherein each first end of the right and the left driven links is supported by the chassis swingably in a horizontal direction, a driving link crosses between the second ends of the right and left driven links, two spindles are swingably supported by the right and left driven links, each

of the two spindles is connected to the front wheel axle through a flexible joint, the front wheel axle is supported by the chassis, the front wheel axle is supported by the two spindles, and the flexible joint includes a cylindrical body provided on one of the spindle and the front wheel axle, and an engaging part provided on the other of the spindle and the front wheel axle to protrude radially, end parts of the two spindles and the front wheel axle fitting with each other, a slit for making the engaging part fit therein being formed in the cylindrical body, and the engaging part fitting in the slit.

10. (Original) The toy vehicle as claimed in claim 7, wherein the driving link comprises a permanent magnet, and coils provided at positions across the permanent magnet.

11. (Original) The toy vehicle as claimed in claim 8, wherein the driving link comprises a permanent magnet, and coils provided at positions across the permanent magnet.

12. (Original) The toy vehicle as claimed in claim 9, wherein the driving link comprises a permanent magnet, and coils provided at positions across the permanent magnet.

13. (Original) The toy vehicle as claimed in claim 7, wherein the driving link comprises a coil, and permanent magnets provided at positions across the coil.

14. (Original) The toy vehicle as claimed in claim 8, wherein the driving link comprises a coil, and permanent magnets provided at positions across the coil.

15. (Original) The toy vehicle as claimed in claim 9, wherein the driving link comprises a coil, and permanent magnets provided at positions across the coil.

16. (Original) The toy vehicle as claimed in claim 7, wherein the driving link comprises a non-magnetized magnetic material, and coils provided at positions across the non-magnetized magnetic material.

17. (Original) The toy vehicle as claimed in claim 8, wherein the driving link comprises a non-magnetized magnetic material, and coils provided at positions across the non-magnetized magnetic material.

18. (Original) The toy vehicle as claimed in claim 9, wherein the driving link comprises a non-magnetized magnetic material, and coils provided at positions across the non-magnetized magnetic material.

19. (Original) The toy vehicle as claimed in claim 1, wherein a rear wheel is provided with a suspension structure.

20. (Previously Presented) The toy vehicle as claimed in claim 8, wherein a rear wheel is provided with a suspension structure.

21. (Previously Presented) The toy vehicle as claimed in claim 9, wherein a rear wheel is provided with a suspension structure.

22. (Previously Presented) The toy vehicle as claimed in claim 1, further comprising a rear wheel axle covered by an axle cover provided with a shaft which extends in a front to a back direction of the toy vehicle,

wherein the shaft is supported by the chassis to perform seesaw movement centered on the axle cover shaft.

23. (Previously Presented) The toy vehicle as recited in claim 22, wherein the axle cover is provided with projected pieces, each of which is provided with a coil spring to contact the chassis, thereby absorbing up and down movement of the toy vehicle.

24. (Previously Presented) The toy vehicle as claimed in claim 8, further comprising a rear wheel axle covered by an axle cover provided with a shaft which extends in the front to a back direction of the toy vehicle,

wherein the shaft is supported by the chassis to perform seesaw movement centered on the axle cover shaft.

25. (Previously Presented) The toy vehicle as recited in claim 24, wherein the axle cover is provided with projected pieces, each of which is provided with a coil spring to contact the chassis, thereby absorbing up and down movement of the toy vehicle.

26. (Previously Presented) The toy vehicle as claimed in claim 9, further comprising a rear wheel axle covered by an axle cover provided with a shaft which extends in the front to a back direction of the toy vehicle,

wherein the shaft is supported by the chassis to perform seesaw movement centered on the axle cover shaft.

27. (Previously Presented) The toy vehicle as recited in claim 26, wherein the axle cover is provided with projected pieces, each of which is provided with a coil spring to contact the chassis, thereby absorbing up and down movement of the toy vehicle.

28. (Previously Presented) The toy as recited in claim 5, wherein the first and second gears are spaced.

29. (Previously Presented) The toy as recited in claim 5, wherein the first and second gears are united.

30. (Previously Presented) The toy vehicle as recited in claim 1, further comprising a rear suspension including a shaft rotatably supported by the chassis, cylinder shafts rotatably engaged with end portions of both sides of the rotatable shaft, respectively, and swaying arms each of which is supported at an outer end of each of the cylinder shafts, respectively, wherein said swaying arms support rear wheel axles, respectively, right and left rear wheels rotatably supported by the rear wheel axles, respectively, a projected piece provided on the cylinder shafts, and a spring provided at each projected piece to contact the chassis.

31. (Previously Presented) The toy vehicle as recited in claim 8, further comprising a rear suspension including a shaft rotatably supported by the chassis, cylinder shafts rotatably engaged with end portions of both sides of the rotatable shaft, respectively, and swaying arms each of which is supported at an outer end of each of the cylinder shafts, respectively, wherein said swaying arms support rear wheel axles, respectively, right and left rear wheels rotatably supported by the rear wheel axles, respectively, a projected piece provided on the cylinder shafts, and a spring provided at each projected piece to contact the chassis.

32. (Previously Presented) The toy vehicle as recited in claim 9, further comprising a rear suspension including a shaft rotatably supported by the chassis, cylinder shafts rotatably

engaged with end portions of both sides of the rotatable shaft, respectively, and swaying arms each of which is supported at an outer end of each of the cylinder shafts, respectively, wherein said swaying arms support rear wheel axles, respectively, right and left rear wheels rotatably supported by the rear wheel axles, respectively, a projected piece provided on the cylinder shafts, and a spring provided at each projected piece to contact the chassis.

33. (Previously Presented) The toy vehicle as claimed in claim 30, wherein the swaying arms are individually movable up and down to absorb up and down movement of each rear wheel individually.

34. (Previously Presented) The toy vehicle as claimed in claim 31, wherein the swaying arms are individually movable up and down to absorb up and down movement of each rear wheel individually.

35. (Previously Presented) The toy vehicle as claimed in claim 32, wherein the swaying arms are individually movable up and down to absorb up and down movement of each rear wheel individually.

36. (Previously Presented) The toy vehicle as recited in claim 1, further comprising: a first gear on a shaft of the motor, an intermediate shaft disposed parallel with the motor shaft, and a second gear on the intermediate shaft,

wherein the first and second gears are engaged with each other;

a third gear on the intermediate shaft engaged with a fourth gear on one spindle; and

a fifth gear on the intermediate shaft engaged with a sixth gear on another spindle,

wherein the front wheel is a first wheel and a second, spaced, wheel, and

wherein power from the motor is transmitted to the first wheel through the first through fourth gears and the one spindle, and to the second wheel through the first and second gears, the intermediate shaft, the fifth and sixth gears and the another spindle.

37. (Previously Presented) The toy vehicle as recited in claim 7, further comprising a spring to return the driving link to a neutral position.

38. (Previously Presented) The toy vehicle as recited in claim 8, further comprising a spring to return the driving link to a neutral position.

39. (Previously Presented) The toy vehicle as recited in claim 9, further comprising a spring to return the driving link to a neutral position.